

## CLAIMS

I claim:

1. The method of treating hypogonadism in the adult male which comprises administering to the person an amount of 17.alpha.-pregn-4-en-20-yno[2,3-d]isoxazol-17-ol or pharmaceutical composition thereof effective in reducing or eliminating hypogonadism in the adult male.
2. The method according to claim 1 wherein the 17.alpha.-pregn-4-en-20-yno[2,3-d]isoxazol-17-ol is administered in a pharmaceutical composition.
3. The method according to claim 2 wherein the pharmaceutical composition is in the form of an oral dosage.
4. The method according to claim 3 wherein the oral unit dosage is a capsule containing as active ingredient from about 10 milligrams to about 50 milligrams of 17.alpha.-pregn-4-en-20-yno[2,3-d]isoxazol-17-ol.
5. The method according to claim 4 wherein the capsule contains as active ingredient 10 milligrams, 25 milligrams or 50 milligrams of 17.alpha.-pregn-4-en-20-yno[2,3-d]isoxazol-17-ol.
6. The method according to claim 5 wherein the capsule contains as active ingredient 25 milligrams of 17.alpha.-pregn-4-en-20-yno[2,3-d]isoxazol -17-ol.
7. The method according to claim 6 wherein the capsule is administered from one to

four times daily.

8. The method according to claim 7 wherein the capsule is administered three times daily.

9. The method according to claim 2 wherein the pharmaceutical composition comprises a topical drug delivery system and a therapeutically effective amount of danazol retained therein for treating hypogonadism.

10. The method according to claim 9 wherein the topical pharmaceutical composition of danazol comprises a matrix base topical delivery system and an effective amount of danazol retained therein, and testosterone or other androgenic supplements.

11. The method of treating hypogonadism in the adult male which comprises administering to the person an amount of norgestrol (a therapeutic similar to danazol in its efficient displacement of bound testosterone from SHBG in the hypogonadal male) or pharmaceutical composition thereof effective in reducing hypogonadism in the adult male.

12. The method of treating hypogonadism in the adult male which comprises administering to the person an amount of 2-methoxyestradiol (a therapeutic similar to danazol in its efficient displacement of bound testosterone from SHBG in the hypogonadal male) or pharmaceutical composition thereof effective in reducing hypogonadism in the adult male.